

CHIRAKADZE, G. I.

Chirakadze, G. I. and Giginayshvili, V. M.

"Scheme of the Radiation Method of Plotting the Slipperiness of Ice in Transcaucasia and the Characteristic of Slush and its Distribution in Transcaucasia."

Report presented at the Scientific Session of Tbilisi Scientific Research Institute for Hydrometeorology, May 1957. (Meteorologiya i Gidrologiya, No. 1, 1958.)

CHIRAKADZE, G.I.

Snow avalanches in the central part of the main range of the Caucasus.  
Trudy Tbil. NIGMI no.3:103-108 '58. (MIRA. 11:10)

1. Tbilisskiy nauchno-issledovatel'skiy gidrometeorologicheskii  
institut.

(Caucasus--Avalanches)

KAVETSKAYA, A.G.; LAPOVA, A.I., starshiy inzhener-agrometeorolog;  
SUKNEVA, Ye.V., starshiy inzhener-klimatolog; VLADIMIROVA,  
N.V., inzh.-agrometeorolog; KURIYEV, M.I., inzh.-agrometeorolog;  
TSERTSVADZE, Sh.I.; CHIRAKADZE, G.I., dotsent, starshiy nauchnyy  
sotrudnik; BABAYEV, A.D., otv.red.; USHAKOVA, T.V., red.; VOLKOV,  
N.V., tekhn.red.

[Concise agroclimatic reference book on the Azerbaijan S.S.R.]  
Kratkii agroklimaticheskii spravochnik po Azerbaidzhanskoi SSR.  
Leningrad, Gidrometeor.izd-vo, 1959. 67 p. (MIRA 13:2)

1. Azerbaydzhanskaya S.S.R. Upravleniye gidrometeorologicheskoy  
sluzhby. 2. Zaveduyushchiy otdelom agrometeorologii Tbilisskogo  
Nauchno-issledovatel'skogo gidrometeorologicheskogo instituta  
(for TSertsavadze). 3. Nachal'nik Upravleniya gidrometeorologicheskoy  
sluzhby Azerbaydzhanskoy SSR (for Babayev).  
(Azerbaijan--Crops and climate)

CHIRAKADZE, G.I.

5(1) NAME I BOOK REFLECTIONS 887/5099

Thalid. Mashin-issledovatel'skiy gidrometeorologicheskiy institut  
Sredy, Vyp. 3 (Transactions of the Tallin Hydro-Meteorological Scientific Research Institute, No. 3) Leningrad, Gidrometizdat, 1979. 118 p. 1,500 copies printed.  
Additional Sponsoring Agency: USSR, Soviet Ministerov. Gidrometeorologicheskoy sluzhby.  
Ed. (title page): V. P. Lomdas; Ed. (inside book): V. P. Pisarevskaya; Tech. Ed.: N. V. Volkov.

PURPOSE: This book is intended for meteorologists and hydrologists.  
CONTENTS: This is a collection of 12 articles on jet streams and turbulent currents, the analysis of the effect of orography on changes in atmospheric pressure, the characteristics of the temperature regime in the free atmosphere, the development of methods of forecasting low cloud ceilings, fog, water discharges, spring floods and other hydrometeorological phenomena in the Transcaucasia area. Of particular interest are articles on visibility conditions around Transcaucasian airports, the aerodynamic conditions causing air humpness in the area. References accompany each article.

Evetshchikova, I. P. Characteristics of the Temperature Regime and Local Temperature Circulation Over Subtropical Regions	99
Lomdas, V. P., and V. A. Kuznetsova. Aerodynamic Conditions in Turbulent Currents in the Atmosphere Which Cause Aircraft Humpness on the Subtropical - Tallin - Tereven Run	112
Chirakadze, G. I. Map of Regional Climax for Transcaucasia	126
Komaladze, G. N. Method of Measuring and Computing the Discharge of Snow in Mountain Rivers	153
Poldrupa, V. P. Establishing Annual Hydrological Seasonal Boundaries for Mountain Rivers	162
Tomova, V. Sh. Methods of Forecasting Spring Floods in the Rivers of Georgia on the Basis of Precipitation Meteorological Factors	166
Chirakadze, G. I., V. P. Lomdas, and V. P. Kuznetsova. Agroclimatic Characteristics for the Cultivation of Corn in Transcaucasia	172

Card 5/4

3(7)

AUTHOR:

Chirakadze, G. I.

SOV/50-59-1-6/20

TITLE:

Classification of Glazed Frost Regions in Transcaucasia  
(Skhema gololednogo rayonirovaniya Zakavkaz'ya)

PERIODICAL:

Meteorologiya i gidrologiya, 1959, Nr 1, pp 34-37 (USSR)

ABSTRACT:

In the course of a two-year collaboration of the Scientific Research Institute of Hydrometeorology (NIGMI) in Tbilisi with the Transcaucasian offices of the hydrometeorological service and other interested organizations, it was possible to divide Transcaucasia in subregions (areas) with different probabilities of glazed frost formation. Statistic inquiries (also on cable breaks in long-distance lines) and meteorological measurements of type and extent of ice precipitations over many years served as sources. The classification in areas was made according to average thicknesses of ice between 1 and 5 mm. There are 1 figure and 1 table.

Card 1/1

CHIRAKADZE, G. I.

307/50-59-2-24/75

3(7)  
AUTHOR:

TITLE:

PERIODICAL:

ABSTRACT:

Dzhaladze, G. I.  
Scientific Meeting at the Tbilisi Scientific Research Institute of Hydrometeorology (nauchnaya sessiya v Tbiliskom nauchno-issledovatel'skom gidrometeorologicheskom institute)

Meteorologiya i gidrologiya, 1959, Nr. 2, pp 70 - 71 (USSR)  
In May 1958 the Tbilisskiy nauchno-issledovatel'skiy gidrometeorologicheskiy institut (Tbilisi Hydrometeorological Scientific Research Institute) held a session in which the following representatives participated: representatives of the Tsentral'nyy institut gidrometeorologii (Central Forecasting Institute), Glavmaja spetsial'naya observatoriya (Main Geophysical Observatory) and the local administrations of the Republics of the Transcaucasian Republics. On the occasion of the fifth anniversary of the Tbilisi HIGMI the director of the Institute V. P. Kozminskiy held a speech commemorating the event. Sh. I. Tseretvadis spoke on the character of temperature distribution and the circulation of the atmosphere above the Antarctica. K. I. Zakharenko and Ye. A. Esparteridze spoke on the characteristics of the

Card 1/3

circulation processes above Transcaucasia. M. A. Zakharenko reported on the typification of synoptical processes described by him. M. I. Ergasidze read two papers on meteorological questions of dynamic meteorology. K. I. Zakharenko and V. P. Kozminskiy spoke on the characteristics of the light against visibility in cloudbursts. Ye. A. Esparteridze spoke on the meteorological visibility in the case of precipitation and fog. G. I. Chirakadze on the precipitation situation in the course of 1958. K. I. Zakharenko on the radiation and heat balance in the alpine zone of the mountainous region of Georgia. Sh. I. Tseretvadis on the characteristics of the wind energy reserves in the atmosphere above the Tbilisi and Mtskheta. Ye. A. Esparteridze on the characteristics of different natural surfaces. Sh. I. Tseretvadis on the characteristics of the atmospheric circulation conditions in Tbilisi. V. P. Kozminskiy on the method developed by him for forecasting the number of days with ice melt. V. P. Kozminskiy on a method for the calculation of the volume of rain water supply in floods. G. P. Pastukhova (UMS of the Azerbaydzanskaya SSR) on the use of indices of the atmospheric circulation in hydrological forecasts. The representative of the UMS of the Armanzhanskaya SSR M. V. Shaginyan reported on the characteristics of the formation of the water supply for spring floods on the rivers of Armenia. L. A. Pogryan (UMS of the Armanzhanskaya SSR) pointed to the special role of the snow cover of the hills between 1800 and 400 m in the formation of the water supply of the rivers. Sh. I. Tseretvadis on the characteristics of the humidity in the soil below grain cultures. M. P. Stolyzin and Sh. I. Tseretvadis spoke on the periods set for the opening of the water supply in Transcaucasia. O. M. Kandelaki, L. A. Esparteridze (UMS of the Armanzhanskaya SSR), and M. V. Shaginyan spoke on the microclimatic conditions of the Lashkinekiy massif in the Armanzhanskaya SSR. In all, 27 papers were read.

Card 2/3

circulation processes above Transcaucasia. M. A. Zakharenko reported on the typification of synoptical processes described by him. M. I. Ergasidze read two papers on meteorological questions of dynamic meteorology. K. I. Zakharenko and V. P. Kozminskiy spoke on the characteristics of the light against visibility in cloudbursts. Ye. A. Esparteridze spoke on the meteorological visibility in the case of precipitation and fog. G. I. Chirakadze on the precipitation situation in the course of 1958. K. I. Zakharenko on the radiation and heat balance in the alpine zone of the mountainous region of Georgia. Sh. I. Tseretvadis on the characteristics of the wind energy reserves in the atmosphere above the Tbilisi and Mtskheta. Ye. A. Esparteridze on the characteristics of different natural surfaces. Sh. I. Tseretvadis on the characteristics of the atmospheric circulation conditions in Tbilisi. V. P. Kozminskiy on the method developed by him for forecasting the number of days with ice melt. V. P. Kozminskiy on a method for the calculation of the volume of rain water supply in floods. G. P. Pastukhova (UMS of the Azerbaydzanskaya SSR) on the use of indices of the atmospheric circulation in hydrological forecasts. The representative of the UMS of the Armanzhanskaya SSR M. V. Shaginyan reported on the characteristics of the formation of the water supply for spring floods on the rivers of Armenia. L. A. Pogryan (UMS of the Armanzhanskaya SSR) pointed to the special role of the snow cover of the hills between 1800 and 400 m in the formation of the water supply of the rivers. Sh. I. Tseretvadis on the characteristics of the humidity in the soil below grain cultures. M. P. Stolyzin and Sh. I. Tseretvadis spoke on the periods set for the opening of the water supply in Transcaucasia. O. M. Kandelaki, L. A. Esparteridze (UMS of the Armanzhanskaya SSR), and M. V. Shaginyan spoke on the microclimatic conditions of the Lashkinekiy massif in the Armanzhanskaya SSR. In all, 27 papers were read.

Card 3/3

Chirakadse, G.I.

Scheme for the division of Transcaucasia into regions with regards  
to occurrence of glazed frost. Trudy Tbil.NIGMI no.4:124-152  
'59. (MIRA 13:4)

(Transcaucasia--Frost)

CHIRAKADZE, G.I.

Diurnal distribution of precipitation in the Georgian S.S.R.  
Trudy Tbil.NIGMI no.5:124-130 '59. (MIRA 13:6)  
(Georgia--Precipitation (Meteorology))

CHIRAKADZE, G.I.

Basic climatic characteristics of Tiflis and its surroundings.  
Trudy Tbil.NIGMI no.6:6-41 '59. (MIRA 13:5)  
(Tiflis region--Climate)

CHIRAKADZE, G. I.

21

PHASE I BOOK EXPLOITATION SOV/5729

Leningrad. Glavnaya geofizicheskaya observatoriya.

Voprosy prikladnoy klimatologii; sbornik statey (Problems in Applied Climatology; Collection of Articles) Leningrad, Gidrometeoizdat, 1950. 159 p. Errata slip inserted. 1,050 copies printed.

Sponsoring Agency: Glavnoye upravleniye gidrometeorologicheskoy sluzhby pri Sovete Ministrov SSSR. Glavnaya geofizicheskaya observatoriya im. A. I. Voyeykova.

Ed. (Title page): F. F. Davitay, Doctor of Agricultural Sciences; Ed.: L. P. Zhdanova; Tech. Ed.: N. V. Volkov.

PURPOSE: This publication is intended for applied climatologists and planners in climate-dependent industries.

COVERAGE: This collection of 18 articles contains reports originally presented at the Conference on Applied Climatology in Leningrad in October 1958. The purpose of the conference was to summarize the results of research done in the field of applied

Card ~~1/7~~

Problems in Applied Climatology (Cont.)

SOV/5729

climatology and to point the way for further investigations. Individual articles deal with general problems in applied climatology and special problems in engineering and industrial climatology, medical and health resort climatology, climatic energy resources, and marine climatology. No personalities are mentioned. References follow individual articles.

TABLE OF CONTENTS:

Foreword

3

GENERAL PROBLEMS

Drentov, O. A. [Glavnaya geofizicheskaya observatoriya im. A. I. Veyeykova -- Main Geophysical Observatory imeni A. I. Veyeykova]. Spatial and Temporal Climatic Characteristics Required to Serve the Needs of the National Economy

5

Sapozhnikova, S. A. [Nauchno-issledovatel'skiy institut aeroklimatologii -- Scientific Research Institute of Aeroclimatology] On Card 2/7

3

Problems in Applied Climatology (Cont.)

SOV/5729

PROBLEMS IN MEDICAL AND HEALTH RESORT CLIMATOLOGY

Chirakadze, G. I. [Tbilisskiy nauchno-issledovatel'skiy gidrometeorologicheskiy institut -- Tbilisi Hydrometeorological Scientific Research Institute]. Climatic Principles in Planning the Construction and Operation of a Health Resort 86

Chubukov, L. A. [Tsentral'nyy institut kurortologii i Institut geografii AN SSSR -- Central Institute of Natural Medical Factors and the Institute of Geography AS USSR]. Methods of the Comparative Analysis of the Climate of Health Resorts and Therapeutic Localities and Their Classification 90

Turoverov, K. K. [Gosudarstvennyy bal'neologicheskiy institut na Kavkazskikh Mineral'nykh Vodakh -- State Balneological Institute at Kavkazskiye Mineral'nyye Vody (Caucasian Mineral Waters)]. Effect of Meteorological Conditions on the Regime of Mineral Springs of the Caucasian Mineral Waters 98

Card 5/7

ACCESSION NR: AR4008221

s/0169/63/000/011/B035/B035

SOURCE: RZh. Geofizika, Abs. 11B220

AUTHOR: Chirakadze, G. I.

TITLE: Soviet Georgia glaze regions

CITED SOURCE: Tr. Zakavkazsk. n.-i. gidrometeorol. in-ta, vy\*p. 11, 1963, 60-66

TOPIC TAGS: meteorology, glaze, Georgian glaze region, glaze map, Georgian Republic glaze map, mountain glaze, glaze formation

TRANSLATION: On the basis of gathered materials, the author constructs a regional glaze map. He reconsidered the altitude factor, which differs significantly from that suggested by the TsNIEL (Tsentral'nyy Nauchnyy Institut Eksperimental'noy Limnologii -- Central Scientific Institute of Experimental Limnology). The average value of the factor for wet snow is 0.73, and for all other types of deposits -- 1.38. New data have shown that for the territory of Georgia, the basic types of deposits are wet snow in various stages of freezing

Card 1/2

ACCESSION NR: AR4008221

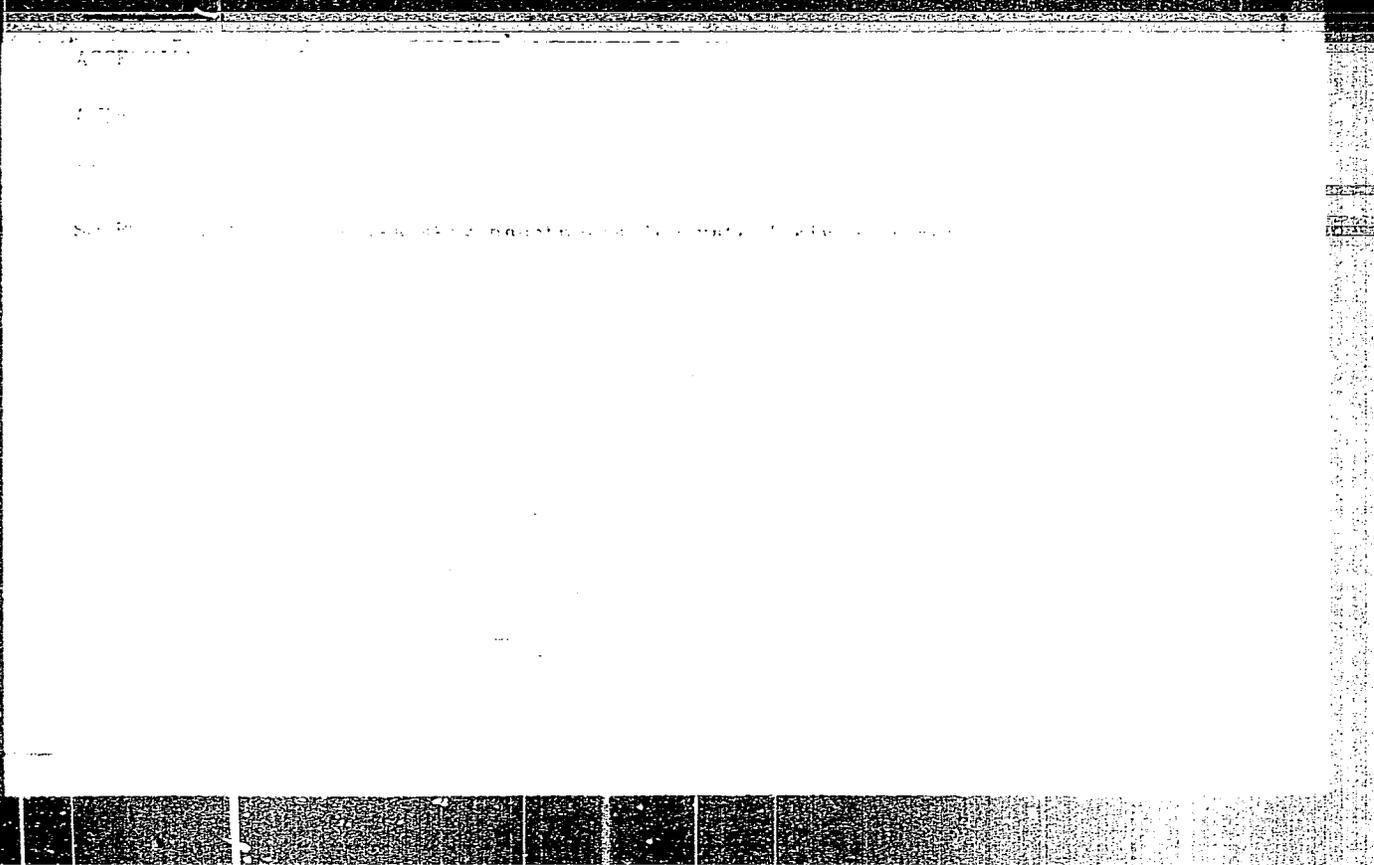
and a mixture. In the preparation of the map, it was borne in mind that the intensification of atmospheric processes in the mountain regions reaches its peak on the exterior portions of the ranges. Deep and closed mountain valleys are regarded as regions less subject to glaciation. Data on individual instances of intensive glaciation were used with the determination of their radius, and a map constructed showing all observed cases of glaciation, indicating the extent and type of deposit, the occurrence of avalanches, and indices of accompanying temperatures and winds. Six separate regions are delineated in the map. A brief description of the latter is included.

DATE ACQ: 09Dec63

SUB CODE: AS

ENCL: 00

Card 2/2



L. 64690-65

APPROVED

FOR RELEASE

DATE

06/12/2000

BY

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

CHIRAKADZE, G.I.

Calculated winter temperatures for the Georgian S.S.R. Tudy (MIRA 18:10)  
TbilNIGMI no.15:91-105 '64.

CHIRAKADZE, G.P.

History of leprosy in Georgia. Sbor. nauch. rab. po lepr. i derm.  
no.13:17-20 '59. (MIRA 14:6)

(GEORGIA--LEPROSY)

CHIRAKADZE, G.P. ; ; VANIDZE, TS., red.

[History of leprosy in Georgia] K voprosu istorii lepry  
v Gruzii. Tbilisi, Sabchota Sakartvelo, 1964. 94 p.  
(MIRA 18:4)

CHIRAKADZE, I. G. Cand Med Sci -- (Variation of certain laboratory indicators  
in ~~cases of~~ staphylococcal infection treated with penicillin (Experimental work)."  
Tbilisi, 1959. 31 pp (Tbilisi State Med Inst), 150 copies (KL, 50-59, 129)

CHIRAKH, A.G., inzh.

Organization of haulage on the surface of mines under construction. Shakht. stroi. 8 no.4:24-27 Ap'64 (MIRA 17:7)

1. Shakhtostroitel'noye upravleniye No.8 tresta Krasnoarmeysk-shakhtostroy.

CHIRAKHOV, F. Kh.

32676. Raboty P. L. shillinta i B. S. Yakobi v oblasti zlektri chyeskikh liniy  
uvqazi. Izvestiya akad. Nauk sssr, seriya fis., 1949, No. 4, s. 497-504

SO: Letopis' Zhurnal'nykh Statey, Vol. 44, Moskva, 1949

CHIRAKHOV, F.Kh., prof., kand. tekhn. nauk; IVANOV, I.I., assist.

Selecting efficient protection of underground cables from corrosion  
caused by stray currents occurring in electric traction circuits.  
Sbor. nauch. trud. IZVIZHT no.5:175-182 '53. (MIRA 11:3)  
(Electric railroads--Wires and wiring) (Electrolytic corrosion)

VOICULET, Nicolae; CHIRALEU, Filip; VILAU, Constantin

Study of the distribution and metabolism of the TSPA and endoxan cytostatic substances marked with  $^{32}\text{P}$  in rats. Studii cerc biochimie 8 no.1:109-119 '65.

1. Section of Nuclear Medicine, Oncologic Institute, Bucharest.  
Submitted July 2, 1964.

CHIRALEU, I., ing.sef

New refrigerating warehouses constructed in Rumania. Pt.1.  
Ind alim 14 no.8:289-295 Ag'63.

1. I.S."Frigotehnica", Bucuresti.

CHIRALBU, I., ing.

New refrigerating warehouses constructed in Rumania.  
Pt.2. Ind alim 14 no.9:337-341 8'63.

1. IS "Frigotehnica", Bucuresti.

ALDEA, Gh., ing.; CHIRAN, P., ing.

Underground combustion and displacement with solvents. Petrol si gaze 12 no.9:401-409 S '61.

1. Institutul de Cercetari pentru Foraj si Extractie Cimpina.
2. Membru al Comitetului de redactie, "Petrol si gaze" (for Aldea).

(Petroleum engineering) (Solvents)

GODREANU, D., ing.; CHIRAN, P., ing.

Methods for establishing the value of constant decline.  
Petrol si gaze 15 no. 4:175-181 Ap '64.

VERNESCU, Al., ing.; CHIRAN, P., ing.; CIRCOANA, A., ing.

Pilot experiment for secondary recovery by water injection in  
the 5-point panel at Drader I of Moreni-sud. Petrol si gaze  
15 no.11:596-599 N '64.

Country : Rumania T  
Category : Human and Animal Physiology, Physical Factors  
Abs. Jour. : Ref Zhur Biol, No. 2, 1959, No. 8613  
Author : Huttmann, A.; Chiranu, M., Cindea, V.; Cherase, C.  
Institut. : --  
Title : The Effect of Meteorological Factors on the  
Lactacidopectic Capacity of Blood Serum.  
Orig Pub. : Studii si cercetari fiziol. Acad. RPR, 1957, 2,  
No. 1-2, 161--174  
Abstract : no abstract

Card: 1/1

CODREANU, D., ing.; CHIRAN, R., ing.

Present ideas on the production decline. Petrol si gaze  
14 no.6:295-310 Je'63.

CHIPAS, A. A.

Dissertation: "On the Investigation of Frame Building Construction by Optical Methods."  
Cand Tech Sci, Belorussian Polytechnic Inst imeni I. V. Stalin, 16 Apr 54. (Sovetskaya  
Belorussiya, Minsk, 6 Apr 54)

SC: SUM 243, 19 Oct 1954

CHIRAS, A.A. (Vil'nyus)

Some applications of mathematical programming in mechanical  
engineering. Izv. AN SSSR, Tekh. kib. no.1:111-113 Ja-F '65.  
(MIRA 18:4)

**CHIBRIKOVA, Ye.V.**

**Finds of spores in the Bavlin series in Bashkiria. Dokl. AN SSSR 95  
no.5:1071-1072 Ap '54. (MLRA 7:4)**

**Predstavleno akademikom S.I.Mironovym.  
(Bashkiria--Spores, Fossil) (Spores, Fossil--Bashkiria)**

CHIRCOIAS, Traian, ing.; MARIN, Eugenia, ing.

---

Cathodic protection of the metallic sheet-pile walls for  
the consolidation of dam foundation. Hidroteh apele meteor  
9 no.1;22-25 Ja '64.

CHIRCULESCU, N., ing.

Contributions to the theory of optimization of the operating conditions  
in power systems. Energetica Rum 12 no.10:514-520 0 '64.

CHIRCULESCU, N., ing.

Considering the notions of theoretical value and center  
or point of equilibrium in the calculation of the operating  
conditions of electric system networks. Energetica Rum  
12 no.11:573-579 N '64.

CHIRE, Laicsh, dr

Report on the activities of fattening pigs on the capability of being  
fattened during the years 1961-1962, ~~žez~~ probl post nauk roln no.43:  
163-168 '63.

1. Research Institute of Animal Breeding, Budapest.

TURAI, I., prof.; PAPAAGI, E.; MAXIMILLIAN, V.; CIOCHINA-BANESCU, C.;  
STEFANESCU, V.; JERCAN-ALBU, M.; PETRESCU, C.; CHIREA, B.;  
ROSALA, E.

Paresis of the right diaphragmatic dome. Rumanian M Rev. no.2:  
63-66 Ap-Je '60. (DIAPHRAGM diseases)



CHIRCEV, A.

RUMANIA/Human and Animal Physiology - Nervous System.

V-12

Abs Jour : Ref Zhur - Biol., No 1, 1958, 4499

Author : A. Chircev

Inst : -

Title : Certain Theoretical and Practical Problems of Determining  
the Types of Higher Nervous Activity in Students.

Orig Pub : Rev. ped., 1957, 6, No 1, 60-69

Abstract : No abstract.

Card 1/1

NESTORESKO, N.; VLADOIANU, I.R.; DIMACHE, Gh. CHIRESCO, N.; BUZDUGAN, I.;  
IANOPOL, Lidia; CARPIUC, V.; MARGINEANU, L.; SABIE, T.; BRATU, E.  
BUSNEANU, Lidia.

Research on the efficacy of a typho-paratyphoid A and B vaccine  
administered orally in the form of dragees. Arch. roum. path.  
exp. microbiol. 23 no.3:523-530 S'63.

1. Institut "Dr. I. Cantacuzino", Service des Enterobacteriacees,  
Laboratoire du vaccin TAB, Bucarest (for Nestoresco, Vladoianu,  
Dimache, Chiresco). 2. Centre sanitaire antiepidemique de  
Suceava (for Buzdugan, Ianopol, Carpiuc, Margineanu, Sabie,  
Bratu, Busneanu).

ANGELESCO, I.; CHIRESCO, N.; DEMIAN, Ligia; GARTNER, Magda; POPESCO, G.;  
RIMNICEANU, I.

Influence of the "time" factor on the efficacy of certain biological products. Arch. roum. path. exp. microbiol. 23 no.3: 821-826 S'63

1. Travail du Laboratoire Central pour le Controle d'Etat des Serums et des Vaccins, Bucarest.

MUSTATZIU, G.,; SCHREIBER, H.,; LEVINTER-BERTHEIL, R.,; PREDOVICIU,  
F.,; CHIRESCU, M.

~~Tuberculostatic effect of isonicotinyldiazonopyruvic acid,~~  
isonicotinyldiazonooxalacetic acid, isonicotinyldiazono-3-  
mercaptopyruvic acid, isonicotinyldiazono-3-bromopyruvic acid,  
isonicotinyldiazono-2-oxoglutaric acid and isonicotinyldiazono-  
onolevulinic acid. Bul. stiint., sect. med. 7 no.2:564-566 Apr-June  
55.

(HYDRAZINE, derivatives  
isonicotinyldiazono derivatives of ketone acids, eff.  
on Mycobacterium species)  
(MYCOBACTERIUM, eff. of drugs on  
isonicotinyldiazono derivatives of ketone acids)  
(KETONE ACIDS, eff.  
isonicotinyldiazono derivatives, on Mycobacterium  
species)

OMRIU, S.; RADULESCU, D.; WINTER, D.; CHIRBESCU, M.

Study of the therapeutic effect of isonicotinylhydrazonopyruvic acid in experimental tuberculosis as compared with the effect of isonicotinic acid hydrazide, of streptomycin, para-acetyl-amino-benzaldehyde-thiosemicarbazone (TB 1) and of paraaminosalicylate of sodium (PAS). Bul. stiint., sect. med. 7 no.2:583-585 Apr-June 55

(TUBERCULOSIS, experimental  
eff. of isonicotinylhydrazonopyruvic acid, comparison  
with other anti-tuberc. agents.)

(PYRUVATES, effects  
isonicotinylhydrazonopyruvic acid, on exper. tuberc.,  
comparison with various anti-tuberc. agents)

LUPU, N.GH., Academician; GOLDSTEIN, I.; BALDOVIN, G.; KAHAN, A.; RADENSKI, A.;  
STOICHITA, M.; MIHALCU, Fl.; COTARCEA, S.; CHIRESCU, M.; MENDELIVICI, F.;  
BORSAI, L.

Comments on the epidemiology and clinical aspects of streptococcal infections (rheumatic disease, nephropathy); studies of mass prevention. Probl. reumat., Bucur. no.5:19-27 1958.

1. Institut de terapeutica al Academiei R.P.R., Institutul de microbiologie si epidemiologie Dr I. Cantacuzino si Sanepidul Capitalei.

(STREPTOCOCCAL INFECTIONS

epidemiol. in Rumania, clin. aspects & prophylaxis)

(RHEUMATISM, epidemiology

in Rumania, correlation with streptoc. infect.)

(KIDNEY DISEASES, etiol. & pathogen.

streptoc. infect., incidence in Rumania)

RUMANIA

616.927-085.371-06

CHIRESCU, N., Dr, POPESCU, Gh., Dr, and CHIRESCU, Margareta,  
Biologist. Work performed at the Central Laboratory for the  
State Control of Serums and Vaccines (Laboratorul Central Pentru  
Controlul de Stat al Serurilor si Vaccinurilor ).

"Contributions to the Study of the Efficiency of Antityphoid  
Vaccination."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 11,  
No 6, Nov-Dec 66, pp 523-525.

Abstract In a controlled study, the authors found that sera  
from 3 to 10-year old children without a history of typhoid or  
vaccination did not protect chicken embryos against infection  
with Salmonella typhi 2. All sera from adults after vaccination  
did have a protective titer; in those persons where a degree of  
protection was evident, the vaccination resulted in a marked  
increase in the protective titer. The protective titer of all  
immunized persons was considerably smaller than that of immunized  
animals, presumably because of the difference in administration  
route and quantity of antigen.

Includes one table and 8 references, of which one Russian,  
1/1 3 French and 4 Rumanian. -- Submitted 28 February 1966

RADULESCU, D.; BUNESCU, G.; WINTER, D.; CHIRESCU, I.

Physiopathology and pathogenic therapy of experimental tuberculosis.  
I. Study of the changes in motor conditioned defense reflexes in  
experimental tuberculosis in white rats. Bul. stint., sect. med.  
8 no.2:565-598 Apr-June 56.

(TUBERCULOSIS, experimental  
changes in motor conditioned defense reflexes during  
tuberc. in white rats )  
(REFLEX, CONDITIONED  
eff. of exper. tuberc. on motor conditioned defense reflex  
activity, in rats)

CHIRESCU, N.

RUMANIA / Pharmacology, Toxicology, Chemotherapeutic Agents, Antituberculous Agents. V

Ann Journ Ref Zhur-Biol., No 18, 1958, 85263.

Author : Cerius, S., Radulescu, D., Vasilescu, C. Zirra, A., Chirescu, N., Winter, D.

Inst : Academy of the Rumanian People's Republic.  
Title : A study of the Therapeutic Effect of Isonicotinic Hydrazone Ketone Acids in Experimental Tuberculosis of Guinea Pigs (Isonicotinoyl-hydrazone-Oxalacetic Acid, Isonicotinoylhydrazone-Mercaptopyrvic Acid, Isonicotinoylhydrazone-alpha-Ketoglutaric Acid, Isonicotinoylhydrazone-Bromopyruvic Acid, and Isonicotinoylhydrazone-Levulinic Acid).

Orig Pub: Bul. stint. Acad. RPR, Sec. med., 1956, Vol 8, No 3, 859-866.

Abstract: Guinea pigs infected with tuberculosis were treated

Card 1/2

62

Abstract: with isoniazid (I) or with one of the 5 preparations listed above, which are derivatives of isonicotinic acid, given orally in doses of 5 mg/kg. Treatment was begun on the 16th day after infection and was continued for 71 days. On the basis of clinical, morphologic, and bacteriologic findings, it was concluded that the therapeutic action of the new preparations was comparable to that of I, and showed less toxicity. An exception was isonicotinoylhydrazone-bromopyruvic acid, which had less therapeutic effect. A table is included which shows the chemical structure, the tuberculostatic action, the acute toxicity, and the therapeutic effectiveness of the isonicotinoylhydrazone ketone acids as compared with I. -- E. M. Sheynbaum.

Card 2/2

RUMANIA

GARTNER, Magda and CHIRESCU, N. of the Central Laboratory for the State Control of Serums and Vaccines (Laboratorul Central pentru Controlul de Stat al Serurilor si Vaccinurilor).

"Simian Viruses."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 14, No 4, 1963, pp 463-471.

Abstract: A review article on the research performed to date on the biological and physical characteristics of Virus SV<sub>40</sub> and the importance of serological and clinical studies to solve the problems associated with this virus, especially the preparation of vaccines that will be free of it.  
Includes 1 table and 57 references, of which 2 Russian, 3 Rumanian and 52 Western.

GARTNER, Magda; CHIRESCU, N.

Simian viruses. Stud. cercet. inframicrobiol. 14 no.4:463-  
471. '63.

(ANIMAL VIRUSES)

RUMANIA

616.927-085.371-06

CHIRESCU, N., Dr, POPESCU, Gh., Dr, and CHIRESCU, Margareta, Biologist. Work performed at the Central Laboratory for the State Control of Serums and Vaccines (Laboratorul Central Pentru Controlul de Stat al Serurilor si Vaccinurilor ).

"Contributions to the Study of the Efficiency of Antityphoid Vaccination."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 11, No 6, Nov-Dec 66, pp 523-525.

Abstract In a controlled study, the authors found that sera from 3 to 10-year old children without a history of typhoid or vaccination did not protect chicken embryos against infection with Salmonella typhi 2. All sera from adults after vaccination did have a protective titer; in those persons where a degree of protection was evident, the vaccination resulted in a marked increase in the protective titer. The protective titer of all immunized persons was considerably smaller than that of immunized animals, presumably because of the difference in administration route and quantity of antigen.

Includes one table and 8 references, of which one Russian, 1/1 3 French and 4 Rumanian. -- Submitted 28 February 1966

**CHIRSHKIN, D.G.**

Sleep therapy in pre- and postoperative care in certain otorhinolaryngological operations. Vest. otorinolar., Moskva 15 no. 1:18-20 Jan-Feb 1953. (GIML 24:1)

1. Assistant Departmental Physician. 2. Of the Clinic for Diseases of the Ear, Throat, and Nose (Director --Prof. A. G. Likhachev), First Moscow Order of Lenin Medical Institute.

CHIRESHKIN, D.G.

Subcutaneous emphysema of the lower eyelid following nasal trauma. Vest.oto-  
rin. 15 no.4:82-83 J1-Ag '53. (MLRA 6:9)

1. Poliklinika Frunzenskogo rayona Moskv.  
(Eyelid--Diseases) (Nose--Wounds and injuries)

AMITIN, V.I., ~~CHIRESHKIN, D.G.~~, kandidat meditsinskikh nauk

Otogenic sepsis with infection of the glossopharyngeal nerve.  
Vest.oto-rin 17 no.3:74 My-Je '55.

1. Iz oto-laringologicheskogo otdeleniya detskoy gorodskoy  
klinicheskoy bol'nitsy imeni Rusakova (Moskva)

(OTITIS MEDIA

chronic, suppurative, causing paresis of glossopharyngeal nerve, surg.)

(NERVE, GLOSSOPHARYNGEAL, paralysis

caused by chronic suppurative otitis media, surg.)

CHIRSHKIN, D.G.

Role of tonsillitis in the etiology of acute diffuse glomerulonephritis  
in children. *Pediatrics* no.6:49-52 Je '57. (MIRA 10-10)

1. iz LORotdeleniya (zav. - kandidat meditsinskikh nauk G.A.Chernys-  
kovskiy) detskoy gorodskoy klinicheskoy bol'nitsy No.2 imeni Rusa-  
kova (glavnyy vrach - zasluzhennyy vrach RSFSR dotsent V.A.Krushkov),  
Nauchnyy rukovoditel' raboty - deystvitel'nyy chlen AMN SSSR prof.  
Yu.F. Ushakovskaya.

(TONSIL--DISEASES) (KIDNEYS--DISEASES)

*D. G. Chireshekin*  
CHIRESHKIN, D.G.

Condition of the ear, nose and throat in nephritis in children [with  
summary in English]. Vest.oto-rin. 19 no.6:48-51 H-D '57  
(MIRA 11:3)

1. Iz LORotdeleniya (zav.-kandidat meditsinskikh nauk G.A.  
Ghernyavskiy) Detskoy gorodskoy klinicheskoy bol'nitsy No.2 imeni  
Musakova, Moskva.

(NEPHRITIS, in inf. and child  
causing otorhinolaryngol. dis.)

(OTORHINOLARYNGOLOGICAL DISEASES, in inf. and child  
caused by nephritis)

CHIRESHKIN, D. G.: Master Med Sci (diss) -- "The connection between angina and chronic tonsillitis with nephritis and the effect of tonsillectomy on the course of nephritis in children". Moscow, 1959. 14 pp (First Moscow Order of Lenin Med Inst im I. M. Sechenov), 200 copies (KL, No 13, 1959, 113)

CHIRESHKINA, N.M., kandidat meditsinskikh nauk

~~Circulation rate as the index of cardiovascular function in~~  
rheumatism in children. *Pediatrics* 39 no.2:31-34 Mr-Apr '56.  
(MIRA 9:8)

1. Iz kliniki detskikh bolezney I Moskovskogo ordena Lenina meditsinskogo instituta (dir. deystvitel'nyy chlen AMN SSSR prof. Yu.F.Dombrovskaya)

(RHEUMATISM, in infant and child,  
blood circ. rate as index of cardiovasc. funct. (Rus))

(BLOOD CIRCULATION,  
rate in rheum. in child. as index of cardiovasc. funct.  
(Rus))

CHIRESHKINA, N.M., kandidat meditsinskikh nauk

~~Some facts indicating the functional state of the cardiovascular system in children having rheumatic fever. Pediatría no.2:9-13 F '57. (MIRA 10:10)~~

1. Iz kliniki detskikh bolezney I Moskovskogo ordena Lenina meditsinskogo instituta (dir. - deystvitel'nyy chlen AMN SSSR prof. Yu.F. Dombrovskaya)

(CARDIOVASCULAR SYSTEM--DISEASES)

(RHEUMATIC FEVER)

CHIBESHKINA, N.M., kandidat meditsinskikh nauk

Course of scarlet fever in children with chronic tonsillitis.  
Pediatriia 40 no.1:28-30 Ja '57. (MIRA 10:10).

1. Iz kafedry detskikh bolezney (zav. - deystvitel'nyy chlen  
AMN SSSR prof. Yu.F.Dombrovskaya) I Moskovskogo ordena Lenina  
meditsinskogo instituta.  
(SCARLET FEVER) (TONSILS--DISEASES)

CHIRESHKINA, N.M., kand.med.nauk; ZVERYAYEV, A.P.

Changes in the electrocardiogram associated with physical exertion  
in children. *Pediatrics* no.6:37-40 '61. (MIRA 14:9)

1. Iz kafedry detskikh bolezney (zav. - deystvitel'nyy chlen  
AMN SSSR prof. Yu.F. Dombrovskaya) I Moskovskogo meditsinskogo  
instituta imeni I.M. Sechenova.  
(ELECTROCARDIOGRAPHY) (PHYSICAL EDUCATION FOR CHILDREN)

CHIRESHKINA, N.M., kand.med.nauk; MAKAROVA, V.A.; VLASOVA, I.N.

Use of phenoxymethylpenicillin (penicillin V) in scarlet fever.  
Pediatriia no.2:73-76 '62. (MIRA 15:3)

1. Iz kliniki detskikh bolezney (dir. - deystvitel'nyy chlen  
AMN SSSR prof. Yu.F. Dombrovskaya) I Moskovskogo meditsinskogo  
instituta imeni I.M. Sechenova na baze Gorodskoy infektsionnoy  
bol'nitsy No.2 (glavnyy vrach A.M. Pyl'tsova).  
(SCARLET FEVER) (PENICILLIN)

CHIRESKHINA, N.M.; MAKAROVA, V.A.; DREYZIN, R.S.

Pathogenic role of adenoviruses in patients with whooping cough  
and measles. *Pediatrics* 39 no.4:34-37 Ap '61. (MIRA 1484)

1. Iz kliniki detskikh bolezney (sav. kafedroy - deystvitel'nyy  
chlen AMN SSSR prof. Yu.F. Dombrovskaya) i Moskovskogo meditsin-  
skogo instituta imeni I.M. Sechenova na baze gorodskoy infektsion-  
noy bol'nitsy No.2 (glavnyy vrach A.M. Pyl'tsova) i laboratoriya  
katarov serkhih dykhatel'nykh putey (sav. - prof. B.M. Zhdanov)  
Instituta virusologii AMN SSSR.

(WHOOPING COUGH) (MEASLES) (ADENOVIRUS INFECTIONS)

Chireykin, V.Kh.

CHIRNYKIN, V.Kh. (Leningrad)

From the legacy of S.P.Botkin; letters to his brother Mikhail  
Petrovich. Klin.med. 35 no.8:132-136 Ag '57. (MIRA 10:11)  
(BOTKIN, SERGEI PETROVICH, 1832-1889)

CHIREYKIN, V.Kh., polkovnik med.sluzhby, kand.med.nauk

Clinical characteristics of pulmonary suppurations following the use  
of antibiotics. Voen.-med.zhur. no.12:29-33 D '58. (MIRA 12:12)

(LUNGS, abscess,  
antibiotic ther. (Rus))

(ANTIBIOTICS, ther. use,  
lung abscess (Rus))

CHIRKYKIN, V.Kh. (Leningrad)

Acute experimental pulmonary suppurations (abscess and gangrene).  
Arkh.pat. 21 no.3:64-70 '59. (MIRA 12:12)

1. Iz kafedry operativnoy khirurgii Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav. - prof. A.Yu. Soson-Yaroshevich [deceased]).

(LUNG DISEASES, exper.  
abscess & gangrene, in dogs (Rus))

CHIREYKIN, Veniamin Khatskelevich, for Doctor of Medical Sciences on the  
basis of dissertation defended 26 Oct 59 in the Council of the Military  
Medical Order of Lenin Academy in Kirov, entitled: "Clinical Forms of  
Lung Abscesses (Abscess and Gangrene of Lungs)." (BMVSSG USSR, 2-61, 20)

102

CHIREYKIN, V.Kh., doktor med.nauk

At the Therapeutic Section of the Medical Council of the Military  
Medical Department in the Ministry of Defense. Voen.-med. zhur.  
no.6:94-95 Je '61. (MIRA 14:8)  
(PNEUMONIA) (MEDICINE, MILITARY)

CHIRGADZE, I. N., ANIREYEVA, N. S., and MILLIONOVA, M. I. (USSR)

"Structural Investigation of Collagen Synthetic Model."

Report presented at the 5th International Biochemistry Congress,  
Moscow, 10-16 Aug 1961

ZIRAKISHVILI, L.M.; CHIGADZE, T.V.

Simplified mass dehelminthiazation of the population with  
piperazine preparations in ascariasis. Med.paraz.i paraz.bol.  
no.3:288-291 '62. (MIRA 15:9)

1. Iz gel'mintologicheskogo otdeleniya (rukovoditel' - prof.  
G.N. Gordadze) Nauchno-issledovatel'skogo instituta meditsin-  
skoy parazitologii i tropicheskoy meditsiny imeni S.S. Virsa-  
ladze (dir. - kand.med.nauk I.I. Topuriya) Ministerstva zdra-  
vookhraneniya Gruzinskoy SSR.

(PIPERAZINE) (ASCARIDS AND ASCARIASIS)

ZHORDANIYA, T.K.; CHIRGADZE, T.V.

Recurrences in patients with tertian malaria treated with  
quinocide. Med. paraz. i paraz. bol. 33 no.1:69-70 Ja-F '64  
(MIRA 18:1)

1. Institut meditsinskoy parazitologii i tropicheskoy meditsiny  
imeni S.S. Virsaladze (direktor - prof. G.M.Maruashvili) Mini-  
sterstva zdravookhraneniya Gruzinskoy SFR. Tbilisi.

ANDREYEVA, N.S.; DEBBOV, V.A.; MILLIONOVA, M.I.; SHIBNEV, V.A.;  
CHIRGADZE, Yu.N.

Synthetic polymer isomorphic with collagen. Biofizika 6 no. 2:244  
'61. (MIRA 14:4)

1. Institut biologicheskoy fiziki AN SSSR, Moskva i Institut  
organicheskoy khimii AN SSSR, Moskva.  
(POLYMERS) (COLLAGEN)

CHIRGADZE, Yu.N.; GRIBOV, L.A.; ANDREYEVA, N.S.; SHUTSKEVER, N.Ye.

Application of infrared spectroscopy in the study of some  
crystalline dipeptides containing L-proline and glycine. Zhur.  
fiz. khim. 35 no. 4:754-760 Ap '61. (MIRA 14:5)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.  
(Proline--Spectra) (Glycine--Spectra)

43994  
S/079/62/032/012/007/008  
D424/D307

5.3700  
AUTHORS:

Kochkin, D.A. and Chirgadze, Yu.N.

TITLE:

Synthesis and ir spectra of some oxygen-containing organotin and organosilicotin compounds

PERIODICAL:

Zhurnal obshchey khimii, v. 32, no. 12, 1962, 4007-4012

TEXT:

The synthesis and properties of the following are described:  $(CH_3)(iso-C_4H_9)(C_6H_5)SiOSn(iso-C_4H_9)_3$ ,  $[(iso-C_4H_9)_3SnO]_2Si(C_2H_5)_2$ ,  $[(CH_3)(iso-C_4H_9)(C_6H_5)SiO]_2Sn(n-C_4H_9)_2$ . The ir spectra of these compounds and of the hexaalkylstannoxides  $R_3SnOSnR_3$  where  $R = iso-C_4H_9, n-C_7H_{15}$  and the dialkylstannones  $R_2SnO$  where  $R = C_2H_5, n-C_3H_7, iso-C_5H_{11}, n-C_7H_{15}$  are given in order to study the spectroscopic characteristics of the  $\rightarrow SnO, \rightarrow SiO-$ , and  $\rightarrow SnOSi \leftarrow$  bonds. The organosilicotin compounds were synthesized, respectively, by the reaction of the appropriate hexaalkylstannoxide

Synthesis and ir spectra

S/079/62/032/012/007/008  
D424/D307

with the appropriate silanol and silanediol and of the appropriate dialkylstannone with the appropriate silanol. By comparing the ir spectra of all these compounds and those of stannic oxide and tetra-iso-butylstannane, assignments of the main bands are made. The absorption frequency of the Sn-O bond in the Sn-O-Sn group is about 780  $\text{cm}^{-1}$ . In the Si-O-Sn group, the Sn-O frequency is lowered to 720  $\text{cm}^{-1}$  and that of Si-O to 980  $\text{cm}^{-1}$ . In the case of the dialkylstannones, strong bands at  $570 \pm 5$  and  $415 \pm 10 \text{ cm}^{-1}$  are assigned to the Sn-O-Sn group, confirming their polymeric nature,  $[\text{R}_2\text{SnO}]_x$ . There are 3 figures and 1 table. X

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut (All-Union Scientific Research Vitamin Institute)

SUBMITTED: July 10, 1961

Card 2/2

CHIRGADZE, Yu.N.

Appearance of peptide group oscillations in the infrared absorption spectra of compounds containing imino acids. Biofizika 7 no.4:382-386 '62. (MIRA 15:11)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.  
(ACIDS) (PEPTIDES—SPECTRA)

KOCHKIN, D. A.; CHIRGADZE, Yu. N.

Synthesis and infrared spectra of some oxygen-containing tin- and silicotin organic compounds. Zhur. ob. khim, 32 no.12:4007-4012 D '62. (MIRA 16:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.

(Silicon organic compounds—Spectra)  
(Tin organic compounds—Spectra)

CHIRGADZE, Yu.N.

Analysis of vibrations of the peptide group. Biofizika 7 no.5:  
523-528 '62. (MIRA 17:8)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

CHIRGADZE, Yu.N.

Amide I and amide II vibrations in peptide groups of various configurations. Biofizika 7 no.6:657-661 '62.

(MIRA 17:1)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

CHIRGADIN, Yu.N.

Convenient method of analyzing dichroism of helical polypeptides.  
Biofizika 10 no.2:201-206 '65. (MIRA 18:7)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

~~CHIRGADZE, Yuriy Nikolayevich; GRIBOV, L.A., kand. fiz.-matem.~~  
nauk, otv. red.; IVANENKO, V.V., red.

[Infrared spectra and structure of polypeptides and  
proteins] Infrazrasnye spektry i struktura polipeptidov  
i belkov. Moskva, Nauka, 1965. 134 p. (MIRA 18:10)

S/079/63/033/001/011/023  
D204/D307

AUTHORS: Lomakin, A. N., Simonov, A. M. and Chirgina, V. A.

TITLE: Studies of benzimidazole derivatives. XII. The action of sodamide on N-alkyl benzimidazoles substituted in position 5

PERIODICAL: Zhurnal obshchey khimii, v. 33, no. 1, 1963, 204-207

TEXT: The action of  $\text{NaNH}_2$  was studied on the derivatives on benzimidazole containing ethoxy-, benzyloxy-, and hydroxy-groups in position 5, in xylene and dimethylaniline solvents, 5-ethoxy-1-methylbenzimidazole (obtained by the reduction of 3-nitro-4-methylaminophenetole with  $\text{Sn}/\text{HCl}$  and by heating the resulting diamine with  $\text{HCOOH}$ ) was readily aminated at 110 - 120°C, to give 2-amino-5-ethoxy-1-methylbenzimidazole (Ia) in 60% yield. 2-amino-5-ethoxy-1-ethylbenzimidazole (Ib) was similarly prepared by the amination of 5-ethoxy-1-ethylbenzimidazole, in 55% yield, and 2-amino-5-benzyloxy-1-methylbenzimidazole (Ic) by the action of  $\text{NaNH}_2$  on 5-ben-

Card 1/2

Studies of benzimidazole ...

S/079/63/033/001/011/023  
D204/D307

zyloxy-1-methylbenzimidazole, in 25% yield. An attempt at the direct amination of 5-hydroxy-1-ethylbenzimidazole was unsuccessful, but 2-amino-5-hydroxy-1-methyl- and -1-ethylbenzimidazoles were obtained, as hydrobromides, in 70 - 80% yields, by the dealkylation of the 5-ethoxy compounds with HBr.

ASSOCIATION: Rostovskiy-na-donu gosudarstvennyy universitet (Rostov-on-Don State University)

SUBMITTED: February 6, 1962

Card 2/2

s/058/62/000/002/021/053  
A058/A101

AUTHORS: Ryazanov, A. I., Vol'fson, A. I., Chirginova, G. D.

TITLE: The effect of ultrasonic vibrations on the process of anode dissolution of palladium

PERIODICAL: Referativnyy zhurnal, Fizika, no. 2, 1962, 43-44, abstract 26331  
(V sb. "Primeneniye ul'traakust. k issled. veshchestva", no. 14, Moscow, 1961, 139-143)

TEXT: The effect of ultrasonic vibrations on the process of anode dissolution of palladium in a 6n. solution of hydrochloric acid was studied. It was found that utilization of ultrasonic vibrations with intensity 2 watt/cm<sup>2</sup> leads to appreciable depolarization of the anode process of palladium dissolution. Using ultrasonic action makes it possible to intensify the process of anode dissolution of palladium and to produce concentrated solutions of palladium chloride of the order of 500 g/l instead of the 300 g/l that are the limit for anode dissolution of palladium without ultrasonic vibrations. ✓

[Abstracter's note: Complete translation]

Card 1/1

CHIRIAC, A.

RUMANIA / Farm Animals. Silkworms.

Q-7

Abs Jour : Ref Zhur - Bio., No 10, 1958, No 45340

Author : Chiriac, A.

Inst : Not given

Title : The Determination of the Most Favorable Number of Feedings and Their Frequency in the Rearing of Silkworms.

Orig Pub : An. Inst. cercetari agron., 1956, 23, No. 4, 411-417

Abstract : The work was carried out at the Beniasa experimental station of sericulture of the Bucharest region in 1952-1954. It was found that the best method of rearing mulberry silkworm is continuous feeding of larvae every 3 hours, day and night. By this method, the period of rearing is shortened by 5 days, the production of cocoons is increased by 25%, and their quality is improved.

Card 1/1

54

RUMANIA/Farm Animals - Silkworms.

Q-6

Abs Jour : Ref Zhur - Biol., No 10, 1950, 83486

Author : Chiriac, A.

Inst : -

Title : Repeated Raisings of Silkworms.

Orig Pub : An. Inst. cercetari agron., 1957, 24, No 5, 625-636.

Abstract : On the basis of experiments which were conducted at two silkworm raising stations (in Bucharest and Ploesti Districts, it is recommended that repeated raisings of mulberry silkworms be put into practice (at the present time silkworms are raised only once). It is also recommended that as repeated raisings are put into effect in the plains, they should be carried out in September to October there, since it becomes too hot in summer. In mountain areas, however, they may be undertaken in the summertime also, but they must be finished earlier in fall, since freezing might become a threat. For the first three raising terms,

Card 1/2

- 77 -

RUMANIA/Farm Animals - Silkworms.

Q-6

Abs Jour : Ref Zhur - Biol., No 13, 1953, 33486

last year's silkworm eggs should be utilized and incubated at the proper time. For later terms, however, summer silkworm eggs, activated by hydrochloric acid, may be used. For repeated raisings mulberry plantations should be arranged in such a manner that young leaves are available at all times. -- From the author's summary.

Card 2/2

CHIRIAC, AURELIA

SURNAME, Given Names

Country: Rumania

Academic Degrees: -not given-

Affiliation: -not given-

Source: Bucharest, Comunicarile Academiei Republicii Populare Romine,  
Vol XI, No 6, 1961, pp 965-971.

Data: "A Contribution to the Study of Iron and Manganese in Some Soils  
of the Rumanian People's Republic."

Authors:

SAIZMAN, Sarina ✓  
BAJESCU, Irina ✓  
CHIRIAC, Aurelia ✓  
VINTILA, Irina

GPO 981643

SALZMAN, Sarina; BAJESCU, Irina; CHIRIAC, Aurelia; VINTILA, Irina

Iron and manganese in some Rumanian soils. Comunicarile AR 11 no.8:  
965-971 '61.

1. Comunicare prezentata de Gr. Obrejanu, membru corespondent al  
Academiei R.P.R.

OBREJANU, Gr.; BAJESCU, Irina; CHIRIAC, Aurelia; SALZMAN, Sarina;  
VINTILA, Irina

Odzolic soils of Rumania, and increase of their fertility. Studii  
agr Timisoara 9 no.1/2:137-175 Ja-Je '62.

Antibiotics

RUMANIA

615.779.932

MIRONEANU, Th., UNTERMAN, H. W., EISENFELD, J., and CHIRIAC, C.,  
of the Factory of Antibiotics (Fabrica de Antibiotice), Iasi.

"An Improved Technique for Obtaining Sodium Benzylpenicillin."

Bucharest, Revista de Chimie, Vol 17, No 4, Apr 66, pp 230-231.

Abstract [Authors' English summary modified]: A description of an improved technique for the preparation of sodium benzylpenicillin. The method is based on the precipitation of penicillin from the primary organic extract resulting from the processing of the native solution with cyclohexamine; after the division of the raw basic salt in acid medium in an organic solvent, the desired product is precipitated with the aid of a methanolic sodium acetate solution. The method is simple and involves lower raw material consumption combined with higher yields as compared to older techniques.

Includes one table, one flow chart and four references, of which one Rumanian, one Russian and 2 German.

SANDRU, I., prof. univ.; SFICLEA V., conf. univ. (Iasi); CUCU, V.  
(Bucuresti); POGHIRC, A.; CHIRIAC, D.

Map of the population distribution of Rumania. Natura  
Geografie 16 no. 3-8 My-Je '64.

CHIRIAC, E.

KIRIJAK, Yelena [Chiriac, Elena]

Contribution to the study of the tapeworms (Cestoda) in the birds  
of Rumania. Rev biol 5 no.4:373-391 '60. (EEAI 10:9)

(Birds) (Cestoda)

CHIRIAC, Elena; UDRESCU, Maria

A larva of Arrenurus (Hydrachnellae - Acari) parasitizing on the branchiae of Rhodeus sericeus amarus (Bloch). Comunicarile AR 12 no.5:565-570 My '62.

1. Comunicare prezentata de M.A.Ionescu, membru corespondent al Academiei R.P.R.

CHIRIAC, Elena; BARBU, P.

Helminthofauna of micromammals of Macin and its environs,  
Northern Dobruja. Studii cerc biol anim 14 no.13:385-392  
'62.

1. Comunicare prezentata de M.A.Ionescu, membru corespondent  
al Academiei R.P.R., membru al Comitetului de redactie si  
redactor responsabil, "Studii si cercetari de biologie;  
Seria biologie animala."

GHITESCU, Iulia, dr.; GALL, Cornelia, dr.; CHIRIAC, Eugenia, dr.

Oromaxillofacial injuries in children. Stomatologia (Bucur) 12  
no.2:133-138 Mr-Ap'65.

1. Lucrare efectuata in Clinica de chirurgie buco-maxilo-faciala  
Institutul medico-farmaceutic, Bucuresti (seful clinicii: prof.  
Valerian Popescu).

CHIRIAC, Gh.

According to a unique plane. Munca sindic 6 no.8:24-27 Ag '62.

CHIRIAC, Gh.

---

Good experience in the work of social insurances. Munca sindic 7  
no.2:50-51 F '63.

